Naomi Niisato

List of Publications by Year
in descending order

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26 papers	496 citations	840776 11 h-index	839539 18 g-index
27 all docs	27 docs citations	27 times ranked	543 citing authors

#	Article	IF	Citations
1	CALHM3 Is Essential for Rapid Ion Channel-Mediated Purinergic Neurotransmission of GPCR-Mediated Tastes. Neuron, 2018, 98, 547-561.e10.	8.1	137
2	Improvement of insulin resistance, blood pressure and interstitial pH in early developmental stage of insulin resistance in OLETF rats by intake of propolis extracts. Biochemical and Biophysical Research Communications, 2013, 432, 650-653.	2.1	64
3	Involvement of cytosolic Clâ˜ in osmoregulation of Î±-ENaC gene expression. American Journal of Physiology - Renal Physiology, 2004, 287, F932-F939.	2.7	55
4	Lowered extracellular pH is involved in the pathogenesis of skeletal muscle insulin resistance. Biochemical and Biophysical Research Communications, 2014, 445, 170-174.	2.1	49
5	Involvement of p38 MAPK in hypotonic stress-induced stimulation of Î²- and Î³-ENaC expression in renal epithelium. Biochemical and Biophysical Research Communications, 2007, 358, 819-824.	2.1	33
6	Hypotonic stress upregulates Î²- and Î³-ENaC expression through suppression of ERK by inducing MKP-1. American Journal of Physiology - Renal Physiology, 2012, 303, F240-F252.	2.7	26
7	Cross talk of cAMP and flavone in regulation of cystic fibrosis transmembrane conductance regulator (CFTR) Clâ˜ channel and Na+/K+/2Clâ˜ cotransporter in renal epithelial A6 cells. Biochemical Pharmacology, 2004, 67, 795-801.	4.4	21
8	Insulin is involved in transcriptional regulation of NKCC and the CFTR Clâ˜ channel through PI3K activation and ERK inactivation in renal epithelial cells. Journal of Physiological Sciences, 2014, 64, 433-443.	2.1	19
9	Aldosterone-induced modification of osmoregulated ENaC trafficking. Biochemical and Biophysical Research Communications, 2007, 361, 162-168.	2.1	17
10	Distinct Action of Flavonoids, Myricetin and Quercetin, on Epithelial Clâ˜Secretion: Useful Tools as Regulators of Clâ˜Secretion. BioMed Research International, 2014, 2014, 1-8.	1.9	15
11	Quercetin is a Useful Medicinal Compound Showing Various Actions Including Control of Blood Pressure, Neurite Elongation and Epithelial Ion Transport. Current Medicinal Chemistry, 2019, 25, 4876-4887.	2.4	15
12	Food intake targeting and improving acidity in diabetes and cancer. Food Frontiers, 2020, 1, 9-12.	7.4	13
13	Action of neltenexine on anion secretion in human airway epithelia. Biochemical and Biophysical Research Communications, 2007, 356, 1050-1055.	2.1	9
14	Beta agonist regulation of sodium transport in fetal lung epithelium: roles of cell volume, cytosolic chloride and protein tyrosine kinase. Journal of Korean Medical Science, 2000, 15, S42.	2.5	8
15	Simulation of Clâ˜ Secretion in Epithelial Tissues: New Methodology Estimating Activity of Electro-Neutral Clâ˜ Transporter. Frontiers in Physiology, 2015, 6, 370.	2.8	8
16	Activation of CFTR Clâ˜ channel by tyrphostins via a protein tyrosine kinase-independent pathway in forskolin-stimulated renal epithelial A6 cells. Life Sciences, 2002, 71, 1199-1207.	4.3	5
17	The role of intracellular Clâ€•concentration in cell proliferation. FASEB Journal, 2006, 20, A1460.	0.5	1
18	Ionâ€selective modification of paracellular conductance by the water fluxes. FASEB Journal, 2007, 21, A542.	0.5	1

#	Article	IF	Citations
19	2C1546 Mathematical model of Cl^- secretion in airway epithelial cells(Mathematical Biology,Oral) Tj ETQq1 1 0.784314 rgBT /Overlo S43.	0.1	0
20	3P273 ENaC dynamics in the intracellular space : analysis of Na^+ transport in epithelial cells by mathematical model(24. Mathematical biology,Poster). Seibutsu Butsuri, 2013, 53, S257.	0.1	0
21	Ion Transport in the Lung Alveolar Epithelium.. Membrane, 2002, 27, 221-232.	0.0	0
22	Receptor tyrosine kinasesâ€mediated mechanism in hypotonicityâ€provoked Na + reabsorption in renal epithelial A6 cells. FASEB Journal, 2006, 20, A346.	0.5	0
23	Hypotonicity stimulates Na+ reabsorption through activation of src kinase by decreasing cytosolic Clâ€• concentration. FASEB Journal, 2006, 20, A346.	0.5	0
24	Genomic effect of hypotonic stress on Na + reabsorption through Ca 2+ /calmodulinâ€dependent SGK1 induction in renal epithelial A6 cells. FASEB Journal, 2007, 21, .	0.5	0
25	A physiological role of p38 on aldosteroneâ€dependent regulation of ENaC endocytosis in renal epithelial A6 cells. FASEB Journal, 2012, 26, 867.14.	0.5	0
26	A Regulatory Mechanism of ENaC Surface Expression. Membrane, 2018, 43, 206-210.	0.0	0